

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-182780

(43)Date of publication of application : 30.06.2000

(51)Int.Cl.

H05B 33/22

G02B 5/20

H05B 33/12

H05B 33/14

(21)Application number : 10-358633

(71)Applicant :

FUJI ELECTRIC CO LTD

(22)Date of filing : 17.12.1998

(72)Inventor :

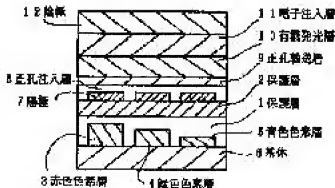
TOMIUCHI YOSHIMASA
KANNO TOSHIYUKI

(54) ORGANIC ELECTRIC FIELD LIGHT EMITTING ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a long-life and highly reliable element with excellent color conversion efficiency by using at least one compound selected from straight silicone resin compounds and modified silicone resin compounds for a protective layer for the light emitting element.

SOLUTION: A fluorescent pigment layer is formed by arranging a red pigment layer 3, a green pigment layer 4, or a blue pigment layer 5 on a base such as a glass board 6. On the fluorescent pigment layer, protective layers 1, 2, a positive electrode 7, a positive hole injection layer 8, a positive hole carrying layer 9, an organic light emitting layer 10, an electron injection layer 11, and a negative electrode 12 are arranged in this order. As the protective layers 1, 2, a mechanically strong transparent silicone resin having a film thickness of about 1-20 μm and a gas barrier characteristic is laminated on a color conversion filter consisting of the respective pigment layers 3, 4, 5. The silicone resin is cured at about 150°C or less, and the silicone resin layer may be formed into a single layer. In this case, the protective layers 1, 2 have the same



composition. On the protective layers 1, 2, a film of an insulative inorganic oxide such as silicon oxide or aluminum oxide may be formed.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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